AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1 - 18 (Cancelled).

19. (Currently Amended) A pointing device comprising:

a ring-like magnet that is movably supported in parallel to a plane, and is internally and externally magnetized in the direction of its radius of said ring-like magnet; and

a plurality of magnetic sensors for detecting magnetic flux density produced by said ring-like magnet in a direction parallel to the plane are placed outside or inside said ring-like magnet, wherein

said magnetic sensors are disposed symmetrically from each other to said ring-like magnet,

said magnetic sensors detect variations in the magnetic flux density in the direction parallel to the plane, the variations being caused by movement in a direction parallel to the plane of said ring-like magnet.

20. (Previously Presented) The pointing device as claimed in claim 19, wherein said ring-like magnet is internally and externally unipolarly magnetized.

21. (Currently Amended) The pointing device as claimed in claim [[20]] 19, further comprising a printed circuit board on which a resin layer with elastic deformation is provided, wherein said ring-like magnet is fixed to said resin layer, and said ring-like magnet is movably supported in parallel to said printed circuit board, said magnetic sensors are placed on said printed circuit board.

22. (Cancelled).

23. (Currently Amended) The pointing device as claimed in claim [[20]] 19, wherein said magnetic sensors are magnetic sensors utilizing Hall effect, and the output signals are proportional to the magnetic flux density.

24. (Currently Amended) The pointing device as claimed in claim [[20]] 19, wherein said magnetic sensors are magnetic sensors utilizing magneto-resistive effect.

25. (Currently Amended) The pointing device as claimed in claim [[20]] 19, further comprising an origin returning means for returning said ring-like magnet to the origin using magnetic force generated by said ring-like magnet.

26. (Currently Amended) The pointing device as claimed in claim 19, wherein said ring-like magnet is magnetized in the direction of its radius and magnetized in a multipolar manner in the direction of its circumference ~~has at least one of its internal wall and external wall magnetized in a multipolar manner~~, and said magnetic sensors are disposed and faced to a magnetic pole center of said ring-like magnet magnetized in a multipolar manner.

27-32 (Cancelled).

33. (Currently Amended) The pointing device as claimed in claim [[32]] 21, wherein said resin layer and said printed circuit board have their opposing faces not bonded to each other.

34. (Currently Amended) The pointing device as claimed in claim [[32]] 21, wherein said resin layer is an elastic sheet.

35. (Currently Amended) The pointing device as claimed in claim [[32]] 21, wherein said resin layer is a silicone resin.

36. (Cancelled).

37. (Currently Amended) The pointing device as claimed in claim [[32]] 21, further comprising a switch on the resin layer side of said printed circuit board and at about the center of said ring-like magnet.

38. (Previously Amended) The pointing device as claimed in claim 37, further comprising a projection for depressing said switch at a portion facing said switch on said resin layer.

39-42. (Cancelled).

43. (Currently Amended) The pointing device as claimed in claim [[42]] 23, wherein said magnetic sensors utilizing the Hall effect are disposed on the resin layer side of said printed circuit board to detect the magnetic flux density in a direction parallel to the surface of said printed circuit board.

44. (Currently Amended) The pointing device as claimed in claim [[42]] 23, wherein said magnetic sensors utilizing the Hall effect are magnetic sensors with a single output terminal.

45. (Cancelled).

46. (Currently Amended) The pointing device as claimed in claim [[45]] 24, wherein said magnetic sensors utilizing the magneto-resistive effect are semiconductor magneto-resistive elements which are disposed on the resin layer side of said printed circuit board to detect the magnetic flux density in a direction parallel to the surface of said printed circuit board.

47. (Currently Amended) The pointing device as claimed in claim [[45]] 24, wherein said magnetic sensors utilizing the magneto-resistive effect are four semiconductor magneto-resistive elements disposed symmetrically on X and Y axes, which are two axes on a two dimensional plane of an orthogonal system, wherein two magnetic sensors on the X axis are electrically connected at a first connection point; and two magnetic sensors on the Y axis are electrically connected at a second connection point, and wherein said pointing device detects variations in ambient magnetic flux density caused by movement of said ring-like magnet using electric signals at the first and second connection points.

48. (Cancelled).

49. (Currently Amended) An electronic device incorporating the pointing device as defined in any one of claims ~~19-48~~ 19-21, 23-26, 33-35, 37, 38, 43, 44, 46, and 47.